

Technology

Arkamys Automatic Volume Control (AVC)



Different movies or programs can have sound level variations and the users may be disturbed by spikes of sound intensity. Thus, they must constantly adjust the volume when changing TV channels or during a movie. Arkamys AVC automatically adjusts the output volume to keep it constant bringing to the end-users a more comfortable experience, with an average listening level without altering the original sound quality.

Differences in levels are due to many causes such as digital TV or web radios with different audio stream formats, non-standard MP3 playlists, etc. The tool analyzes in real time the input stream level (radio FM, AM, DAB, web radio, A2D2, Aux) in order to raise weak sounds or to soften loud ones based on advanced parameters. Arkamys AVC runs for mono, stereo, 5.1 contents and provides a homogenous level of sound among all audio sources.

Arkamys Automatic Volume Control is a technology requiring low power consumption (5-10 MIPS), and which is easy to set up (few parameters to adjust).